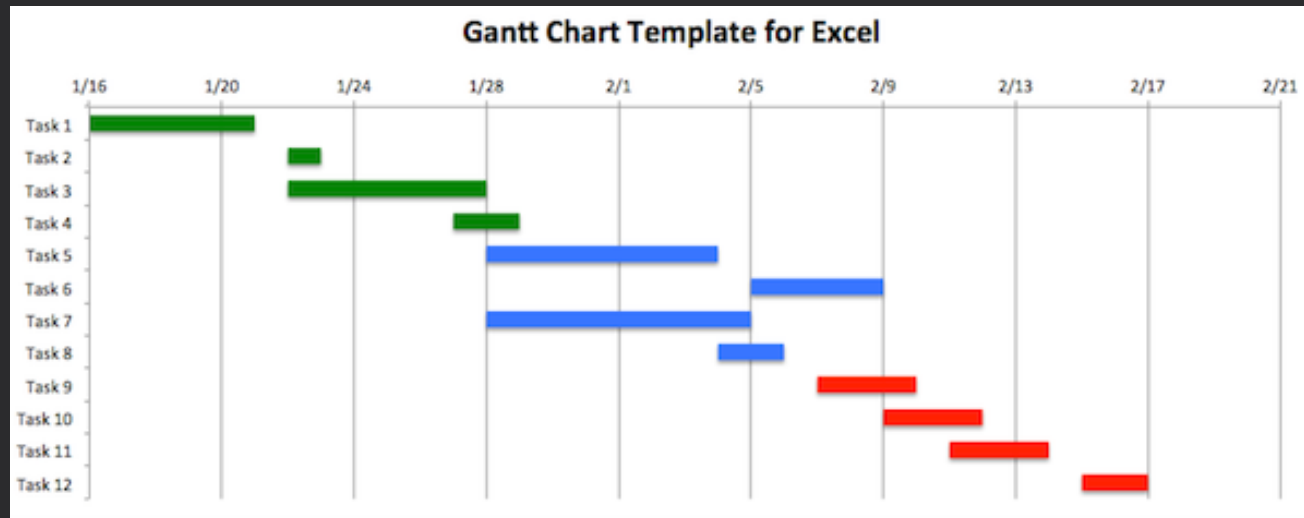


Gantt and PERT Charts

Gantt charts



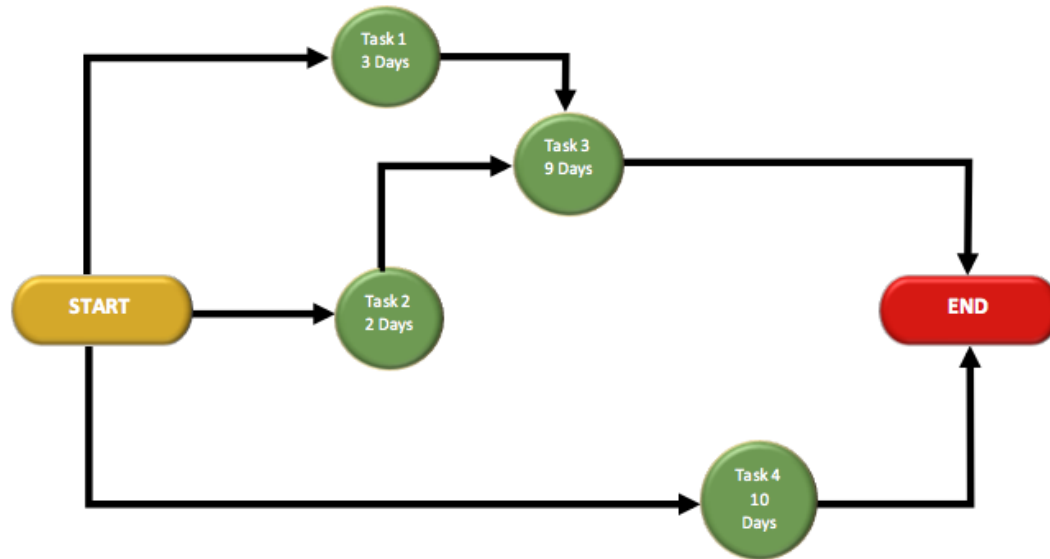
Gantt charts are a project planning tool that can be used to represent the timing of tasks required to complete a project. Because Gantt charts are simple to understand and easy to construct, they are used by most project managers for all but the most complex projects.

Using a Gantt chart

As the project progresses, the chart is updated by filling in the bars to a length proportional to the fraction of work that has been accomplished on the task. This way, one can get a quick reading of project progress by drawing a vertical line through the chart at the current date. Completed tasks lie to the left of the line and are completely filled in. Current tasks cross the line and are behind schedule if their filled-in section is to the left of the line and ahead of schedule if the filled-in section stops to the right of the line. Future tasks lie completely to the right of the line.



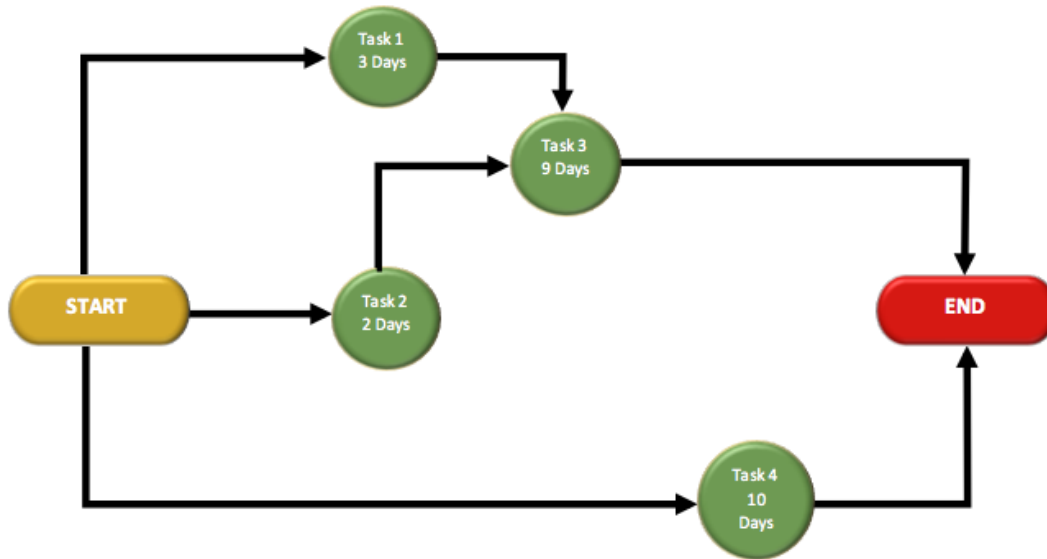
PERT Chart



PERT charts

Program (Project) Evaluation and Review Technique (PERT)(G) is a project management tool used to schedule, organize, and coordinate tasks within a project. It is basically a method to analyze the tasks involved in completing a given project, especially the time needed to complete each task, and to identify the minimum time needed to complete the total project.

PERT Chart



PERT charts

PERT planning includes:

- Activities identification
- Ordering activities
- Constructing a network diagram
- Estimating deadlines
- Determining the critical path necessary to complete each action
- Updating the PERT chart

The main goal of PERT charts is to facilitate decision making and to improve the overall project management process